Technical Manual
CS80R

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

• Nominal Impedance	8 ohms
• Max Amp Power	100 watts*
• Frequency Response	45Hz – 20kHz (±3dB)
	32Hz – 20kHz (–10dB)
• Sensitivity	89dB (2.83V @ 1 meter)
• Crossover Frequency	2,400Hz; 12dB/Octave

SYSTEM COMPONENTS:

• Grille With Cloth	329-080-00445
• Low-Frequency Transducer	8" (203mm)
	CS80R-BK
DC Resistance	5.5 ohms ±10%
• High-Frequency Transducer	1" (25mm)
	CS80R-BK
DC Resistance	5.3 ohms ±10%
• Crossover Network	013-7500-00924

AURAL SWEEP TEST SPECIFICATIONS:

• System Aural Sweep Test	6.0V input 30Hz to 20kHz
• L.F. Aural Sweep Test	5.0V input 30Hz to 2kHz
• H.F. Aural Sweep Test	2.83V input 4kHz to 20kHz

PHYSICAL SPECIFICATIONS:

• Plate Size (Diameter)	10-7/8" (275mm)
• Mounting Cutout Size (Diameter)	9-1/2" (240mm)
• Mounting Depth	4-1/4" (108mm)
• Weight	5.6 lb (2.5kg) Each

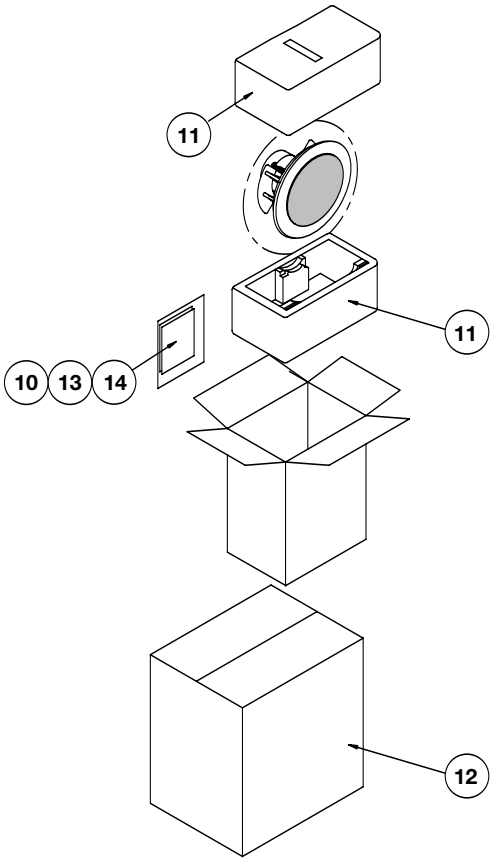
WARRANTY:

- Refer to Warranty Statement packed with each product.

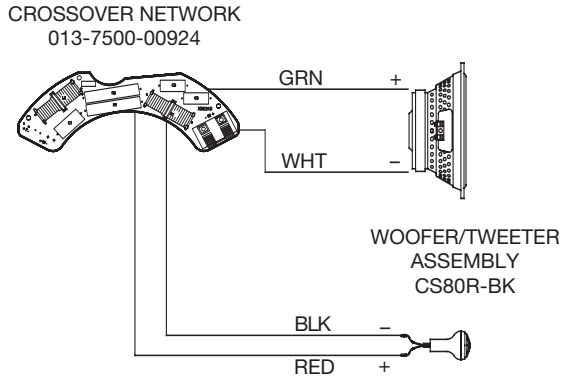
* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

PACKAGING

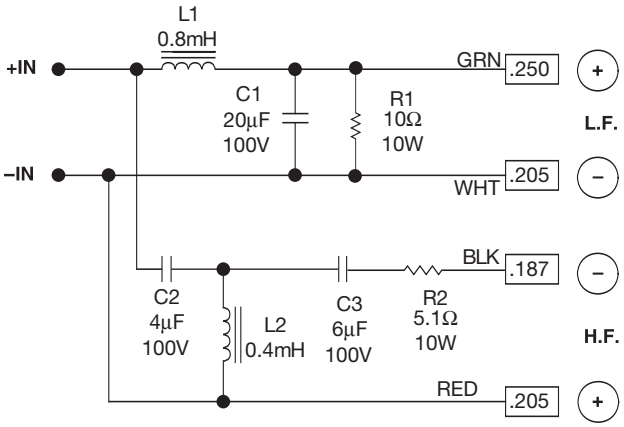
Legend on Page 2



WIRING DIAGRAM



CS80R SCHEMATIC



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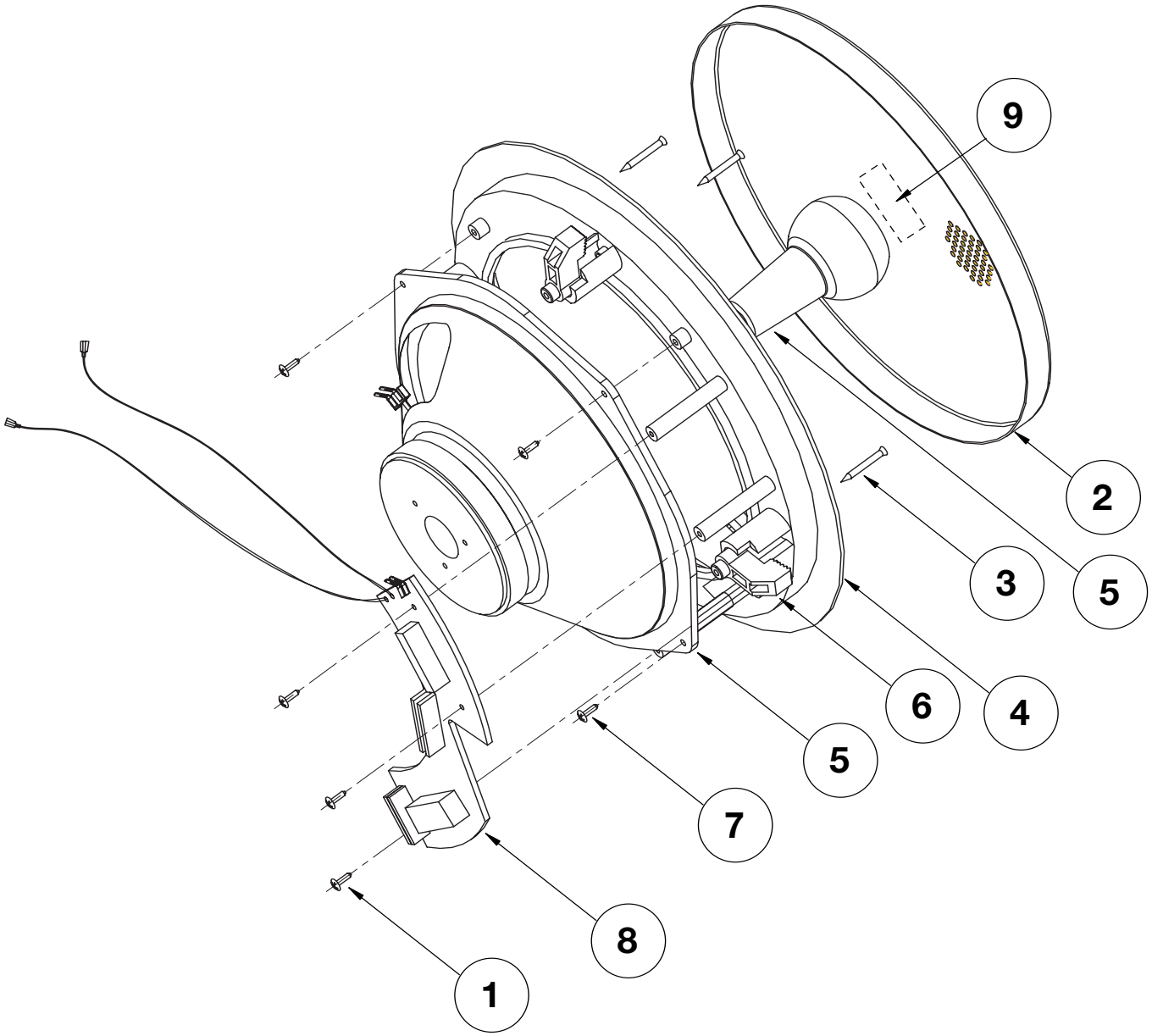
EXPLODED VIEW



ITEM NO.	DESCRIPTION	QTY.	PART NO.	ITEM NO.	DESCRIPTION	QTY.	PART NO.
1.	Network Screw	3	352-CM04008D144	8.	Crossover Network	1	013-7500-00924
2.	Grille W/Cloth	1	329-080-00445	9.	Infinity Logo	1	316-POL-00238
3.	Dog Screw	4	352-BM04534D434	10.	Template/Shield	1	404-000-05026
4.	Front Baffle	1	301-ABS-00302	11.	Top & Bottom Styrofoam	2	431-000-05157
5.	Woofer/Tweeter Assembly	1	CS80R-BK	12.	Beauty Carton	1	402-000-05190
6.	Dog Ear	4	325-ABS-00323	13.	Owner's Manual	1	406-000-05116
7.	Woofer Assembly Screw	4	352-FM04010D462	14.	Warranty Card	1	405-000-00312

CS80R ROUGH-IN FRAME part # IW8R RIF